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Patent Search

Invention Title	OPERATING AND CONTROL SYSTEM FOR A TRIKE VEHICLE
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Priority Date	
Field Of Invention	MECHANICAL ENGINEERING
Classification (IPC)	B62K 5/00

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Abstract:

Exemplary embodiments of the present disclosure are directed towards an operating and control system for a trike vehicle. The system includes an elevated rod 102, a rear wheel 106, a pair of front wheels 104a-104b, a sprocket set 108 and a seating arrangement 170. A centre of gravity positioned to the seating arrangement 170 with backrest of battery setup 174 for generation of the electric formation 175. The system further includes a motor 112 connected to an IOT control circuit 150 is configured to drive the motor for moving the trike vehicle. The system further includes the foot pedal assembly 108a-108b further connected with the motor 112 for generating of voltage to drive in a motorized way, thereby a driver drive the trike vehicle with foot pressure by means of the movement of the trike vehicle is forwarded resulting in the mechanical force is converted into an electric energy.

Complete Specification

Claims:What is claimed is:

We claim:

1. An operating and control system for a trike vehicle, comprising:

an elevated rod 102 configured to support to a rear wheel 106 and a pair of front wheels 104a-104b;

a sprocket set 108 is configured to connect the elevated rod 102, whereby the elevated rod 102 further configured to extend forwardly from a joint module 114;

a seating arrangement 170 supported by the elevated rod 102, a centre of gravity positioned to the seating arrangement 170 with backrest of battery setup 174 for generation of the electric formation 175 with friction controlling as direct connectivity of linking pivot joints 160;

a leaning angle connectivity rod 110 connected to the joint module 114, whereby the joint module 114 further connected to the elevated rod 102;

a motor 112 connected to a rear wheel hub connector 120c via a first chain assembly 116a, whereby the motor 112 further connected to an IOT control circuit is configured

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Application Details

APPLICATION NUMBER	201841031240
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/08/2018
APPLICANT NAME	1 . Dr. GANDIKOTA RAMU 2 . MEDIGA HARITHA 3 . ELEMASETTY UDAYKIRAN
TITLE OF INVENTION	OPERATING AND CONTROL SYSTEM FOR A TRIKE VEHICLE
FIELD OF INVENTION	MECHANICAL ENGINEERING
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	21/08/2018
PUBLICATION DATE (U/S 11A)	31/08/2018

Application Status

APPLICATION STATUS	Abandoned U/s 21(1)
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➡ Filed ➡ RQ Filed ➡ Published ➡ Under Examination ➡ Disposed

In case of any discrepancy in status, kindly contact ipo-helpdesk@nic.in

FORM 1 THE PATENTS ACT, 1970 (39 of 1970) & THE PATENTS RULES, 2003 APPLICATION FOR GRANT OF PATENT [See sections 7,54 & 135 and rule 20(1)]	(FOR OFFICE USE ONLY) Application No.: Filing Date: Amount of Fee Paid: CBR No.: Signature:
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3. TITLE OF THE INVENTION: OPERATING AND CONTROL SYSTEM FOR A TRIKE VEHICLE

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5. PRIORITY PARTICULARS OF THE APPLICATION(S) FILED IN CONVENTION COUNTRY:

Sr.No.	Country	Application Number	Filing Date	Name of the Applicant	Tilte of the Invention
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6. PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION:

International Application Number	International Filing Date as Allotted by the Receiving Office
PCT//	

7. PARTICULARS FOR FILING DIVISIONAL APPLICATION

Original (first) Application Number	Date of Filing of Original (first) Application
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8. PARTICULARS FOR FILING PATENT OF ADDITION:

Main Application / Patent Number:	Date of Filing of Main Application

9. DECLARATIONS:**(i) Declaration by the inventor(s)**

I/We ,ELEMASETTY UDAYKIRAN,Dr. G. RAMESH,Dr. K. MADHAVI,Dr. GANDIKOTA RAMU,A.NARESH KUMAR,Dr. R OBULAKONDA REDDY,APPAWALA JAYANTHI,MEDIGA HARITHA, is/are the true & first inventor(s) for this invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: -----

(b) Signature(s) of the inventor(s): *E. Uday Kiran, Dr. G. Ramesh, Dr. K. Madhavi, Dr. Gandikota Ramu, A. Naresh Kumar, Dr. R. Obulakonda Reddy, Appawala Jayanthi, Mediga Haritha*

(c) Name(s): ELEMASETTY UDAYKIRAN,Dr. G. RAMESH,Dr. K. MADHAVI,Dr. GANDIKOTA RAMU,A.NARESH KUMAR,Dr. R OBULAKONDA REDDY,APPAWALA JAYANTHI,MEDIGA HARITHA

(ii) Declaration by the applicant(s) in the convention country

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: -----

(b) Signature(s) :

(c) Name(s) of the singnatory: Dr. GANDIKOTA RAMU,MEDIGA HARITHA,ELEMASETTY UDAYKIRAN

(iii) Declaration by the applicant(s)

- The Complete specification relating to the invention is filed with this application.
- I am/We are, in the possession of the above mentioned invention.
- There is no lawful ground of objection to the grant of the Patent to me/us.

10. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION:

Sr.	Document Description	FileName
1	CLAIMS UNDER RULE 1 (PROVISIO) OF RULE 20	Claims.pdf
2	REQUEST FOR EARLY PUBLICATION(FORM-9)	Form 9.pdf
3	REQUEST FOR EXAMINATION (FORM-18)	Form 18.pdf
4	FORM 1	Form 1.pdf
5	COMPLETE SPECIFICATION	Form 2.pdf
6	DRAWINGS	Drawings.pdf
7	STATEMENT OF UNDERTAKING (FORM 3)	Form 3.pdf

8	POWER OF AUTHORITY	POA.pdf
9	DECLARATION OF INVENTORSHIP (FORM 5)	Form 5.pdf

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters stated hereing are correct and I/We request that a patent may be granted to me/us for the said invention.

Dated this(Final Payment Date): 21/08/2018

Signature: Usharani K S

Name: Usharani K S

To The Controller of Patents (IN/PA/2241)

The Patent office at CHENNAI

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